

REMARKS

Claims 1 - 3, 5 - 21 and 31 are pending in the case. Claims 4 and 22 - 30 are cancelled. Claim 31 is added. Claims 11 - 16 were rejected under 35 U.S.C. §112, 2nd paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the Applicant regards as the invention. In particular, the Examiner indicated that claim 11 had certain terms that had insufficient antecedent basis for the limitations. Claim 11 has now been amended to provide antecedent basis for the limitations and therefore claim 11 is now believed to be allowable.

Claims 1 - 3, 6 and 10 were rejected under 35 U.S.C. §102(e) as being anticipated by Filo et al., U.S. Patent No. 6,215,498 ('498). Claim 1 has now been amended to require a display configured to interact with a naked hand or finger of a human user and a camera adapted to have in its field of view a naked hand or finger as the naked hand or finger is pointing to a region of the display for making a gesture to point to a region of the display. Claim 1 further requires means for detecting the position of the naked hand or finger of the human user in the image registered by the camera and means for establishing the mapping between the position of the naked hand or finger of the human user in the image registered by the camera in a corresponding location on the display. Filo et al. ('498) requires an exaggerated pointer or a simulated laser finger which is provided in a laser glove 44. Filo et al. does not show components interacting with a naked hand or finger of a human user. Therefore, claim 1 is distinguished from Filo et al. disclosure and is therefore believed to be allowable.

Claims 11 - 16 were rejected under 35 U.S.C. §102(e) as being anticipated by Hansen, U. S. Patent No. 6,275,214 ('214). Claim 11 has now been amended to distinguish itself from the Hansen disclosure. Claim 11 requires a method for detecting a position of a naked hand or a finger of a human user in an image registered by a camera which includes the steps of defining at least one characteristic of the human hand or finger of the human user that can be deduced by processing the image captured by the camera and distinguishes that naked hand or

finger from all or at least a majority of other objects for registered in the image from the camera. Claim 11 further requires retrieving the image from the camera and analyzing the image from the camera to locate the characteristics of the naked hand or finger of the human user and further determining the most likely position of the naked hand or finger in the image from the camera. Hansen ('214) requires a hand-held optical pointer which generates the external cursor to 182. Hansen detects the laser pointer spot against the display background, and the present invention claims only detecting the hand or finger without the display background. Hansen does not show or disclose a virtual display space as disclosed and claimed in the present invention. Therefore, the present invention is distinguished from the Hansen patent and is believed to be allowable.

This Amendment should place this case in condition for passing to issue. Such action is requested.

Respectfully submitted,

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